

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P23692Application No.
10/646,882INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant
Hiroshi NOMURAFiling Date
August 25, 2003Group
2851

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
a	4 7 9 1 4 4 1	12/13/88	NISHI et al.			
cs	4 4 5 1 1 2 9	05/29/84	IKARI et al.			
a	3 3 7 7 4 2 7	04/09/68	FISCHER			
a	5 7 1 5 4 8 2	02/03/98	WAKABAYASHI et al.			
a	4 5 9 7 6 5 7	07/01/86	WAKABAYASHI			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
a	8 - 3 1 3 7 9 0	11/29/96	JAPAN			
a	6 - 2 3 0 2 6 3	08/19/94	JAPAN			
a	10 - 2 5 4 0 5 4	09/25/98	JAPAN			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

a	1	English Language Abstract of JP 8-313790.
a	2	English Language Abstract of JP 6-230263.
a	3	English Language Abstract of JP 10-254054.

EXAMINER

DATE CONSIDERED

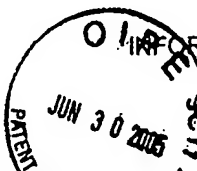
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		Filing Date August 25, 2003	Group 2851

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>S</i>	4 7 6 8 0 4 8	08/30/88	WAKABAYASHI			
<i>S</i>	5 2 6 4 9 3 9	11/23/93	CHANG			

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